

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA FPMR (41 CFR) 101-11.6~~CONFIDENTIAL~~

UNITED STATES GOVERNMENT

Memorandum

TO : Director of Communications

OCE-M76-191

DATE: 5 May 1976

25X1 FROM :
Chief, Communications Engineering

SUBJECT: Monthly Narrative Summary Report -- April 1976

1. Responses to the AFT RFP were received from seven vendors on 5 April. The responses were evaluated, and a memorandum summarizing the results is being prepared for forwarding to OL/PD/ADPE.

2. Installation of the CDS equipment continued amidst some hardware problems. The CDS preacceptance test plan was reviewed by OC and Collins project teams, and appropriate revisions are being made to the test document. System software integration and check out continues.

3. The ARS-V system was received, installed, and run through all phases of the training, check out, and acceptance schedule. Final acceptance testing of the system was completed on 30 April.

25X1 4. Mr. and an accompanying technician 25X1
25X1 arrived in on 27 April to install and initiate tests
25X1 on the Barry Research (BR) modems and narrow-shift (85 Hz) FSK
25X1 equipment on the HF path. Reports from 25X1
on the tests, started in March, indicate continued
superior performance with the BR modems over 850 Hz FSK
operation.

5. Preacceptance tests on the Tandem Switch were again unsuccessful. Meetings were held with representatives of the manufacturer, both in Dallas and Washington, to discuss known and apparent problems with the system. Test plans and procedures were carefully reviewed and clarified. Data measurements and recordings are scheduled to be retaken in Dallas during the week of 10 or 17 May.

25X1 6. A proposal was received from 25X1
25X1 for Phase II-A of the ITS-W system. After clarification
from the technical evaluation was completed and notification of a satisfactory proposal was sent to OL/PD.



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7. Work on the planning for the DCI's move to [] continued during the reporting period. A decision was made to procure and install a Stromberg-Carlson EPABX-800 telephone switch at this facility.

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8. The [] Installation Standards Manual was formally dedicated and signed on 6 April 1976. The distribution to the field was initiated on 26 April.

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9. All of the Government-furnished material has been delivered to the TURNKEY module contractor. A port call of 7 May has been established for the building modules.

10. First Article MX-113 multiplexers were received from the manufacturer and acceptance tests have begun at [] Several discrepancies were noted and corrective modifications have been developed. The First Article tests will be completed o/a 5 May; delivery of production units will follow.

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11. Retrofit parts for the TLC-1 teletype line converter have been received, and 41 units have been modified and checked out. Nineteen have been shipped to the field to replace installed units. Additional units will be shipped within the next month to replace those in Area stocks.

12. During the second half of the month, the [] [] satellite experienced slow gain variations of several dB, which required the SKYLINK network to revert to backup. By the end of the month, the gain variations were reduced to about 2 dB and the SKYLINK network was restored. Base stations at [] continued to operate without problem via the [] satellite. The [] []

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13. The [] SC-1A terminal was activated in April; the [] SC-1A installation was begun. Surveys were conducted at []. The first two SC-1A terminals of the new procurement were tested and accepted for delivery; the tests show that inclusion of the new LNR paramp has boosted the terminal G/T to over 18 dB/°K.

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25X1 14. Contract negotiations were completed for the wideband modification to the [] SC-2 terminal. Final negotiated price was []

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25X1 15. The CK-42 coder/keyer was reviewed by a joint COD/CED team in order to determine production quantities needed over the next five years. The recommendations were to purchase 125 CK-42's, 500 CY-2 chips, and 300 data and control chips. The CY-2's, plus the data and control chips, will be GFE items to [] Our estimate on this buy is approximately [] The review team felt that another 150-175 units will be required in FY-77/78 in order to meet OC's needs for the next five years.

25X1 16. Twenty-five SV-8 systems were assembled and underwent QC acceptance tests. This brings the total completed to 75 units.

25X1 17. Delivery of replacement recorders (50 each) for the Norelco 1420 has been completed. It now remains for minor modifications to be performed on the recorders before placement into stock.

18. Four each voice privacy devices, Model 105RP, manufactured by the [] were received for evaluation as a possible replacement for the ML-79. Preliminary indications are that while the audio quality is very good, there may be technical problems in mating the device to the host transceiver.

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19. Representatives from the [] and CED met during the month to review specifications, failure modes, and acceptance test procedures for the [] SV-8 transmitters and receivers. Terms of the service contract were also discussed.

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25X1 20. Mr. [] reported for duty on Monday, 19 April, and assumed the duties of Chief, Materiel Support Branch, ESD.

25X1 21. On Friday, 23 April, five OL careerists assigned to MSB received promotions in a ceremony conducted by the Director of Logistics. Those promoted were: []

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22. Messrs. [redacted] attended
the OL Conference held [redacted] from 28-30 April.

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23. A contract was awarded to Paul Werres & Co. on
27 April for four each Select-o-Shelves. This will bring
the total to 14 of such shelves now being used to house the
R&R CAT I inventory.

24. The fourth revision of the TECHREQ Equipment List
was reduced to microfiche and distributed worldwide this
month.

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